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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304  
(304) 926-0450  
Fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

## Fact Sheet

Penneco Environmental Solutions LLC / Class 2 UIC Permit Number 2D09300103003

### Purpose of Fact Sheet

The purpose of this fact sheet is to briefly describe the principal facts and considerations that went into preparation of the draft permit as required in 47 CSR 13-13.31.

### Facility Description

Penneco Environmental Solutions LLC operates a Commercial Class 2 Underground Injection Control (UIC) facility in Black Fork District, Tucker County, West Virginia that is permitted to inject Class 2 compliant fluid associated with oil and natural gas production.

### Public Participation

Per 47 CSR 13-13.24.b.1 the public has thirty (30) days to review and comment on Class 2 UIC draft permits. As part of the draft permit, a public notice is developed by WVDEP, and the permittee is responsible for a Class I legal advertisement.

The public comment period for the above named UIC permit will begin on **February 15, 2023, and end on March 17, 2023**. All written comments on the draft permit can be mailed to:

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: UIC Program  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

Comments may also be faxed to (304) 926-0452, Attn: UIC Program, or e-mailed to DEPOOGEP@wv.gov with "UIC Comments" in the subject line. Please include an email or street address for reply.

Promoting a healthy environment.

WVDEP will review and consider all comments filed within the public comment period. A response to all significant comments will be made by WVDEP. Subsequent to review and consideration of comments, a final decision to reissue or deny the permit application will be made.

## **Summary of Permit Conditions**

The permit is developed to help ensure and protect human health and the environment.

The permit authorizes injection of Class 2 compliant oil and gas waste liquids into the Huntersville Chert formation at a depth of 2,944 feet to 3,090 feet. The well is known as Gotinsky No.1 (API 4709300103).

The facility is permitted as a Commercial operation and can accept Class 2 compliant fluids from all qualified oil and gas wells and facilities.

The Class 2 UIC wells have a calculated maximum injection pressure below the formation parting pressure to ensure the injection zone and the confining layer(s) are not fractured. The maximum permitted wellhead injection pressure is 730 psi.

The Class 2 UIC wells shall be constructed, monitored, operated, and tested to help ensure protection of Underground Sources of Drinking Water (USDWs).

The Class 2 UIC wells have surface casing with cement circulated to surface. In addition, the wells have long string casing with cement above the injection formation.

The Class 2 UIC wells shall be tested for integrity at the casing-tubing-packer at least once every five (5) years.

The Class 2 UIC wells shall have piping, connecting any pumps and the well, pressured tested at least once every five (5) years.

The Class 2 UIC wells shall be monitored daily for injection pressures, rates, and volumes. The injection reporting results shall be submitted to WVDEP.

The Class 2 injected fluid shall be sampled and analyzed at least once a year. The injectate reporting results shall be submitted to WVDEP.

## **Area of Review**

Every five (5) years the permittee is required to investigate and document all active, abandoned, and plugged wells within a ¼ mile fixed radius of the injection well, which could be potential conduits for injection fluids.

At least every five (5) years the permittee shall sample all domestic water wells (sources) within the area of review.

## **Duration of Permit**

Permits for Class 2 UIC wells are valid for a period of five (5) years. Note: The permittee can apply to renew a UIC permit, no later than one hundred and eighty (180) days prior to the expiration date.

### **Facility / Field Location:**

On the waters of Haddix Run  
1608 Seneca Trail, Parsons, WV 26287  
Montrose 7.5' Quadrangle  
Black Fork District  
Tucker County, West Virginia

### **Permittee Contact:**

Penneco Environmental Solutions LLC  
6608 Route 22  
Delmont, PA 15626-2408

UTM NAD 83 (meters)  
Northing 4327932.4  
Easting 607295.7  
Latitude 39.093926  
Longitude -79.759279

### **WVDEP Contact:**

Office of Oil and Gas  
Andrew L. Lockwood  
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